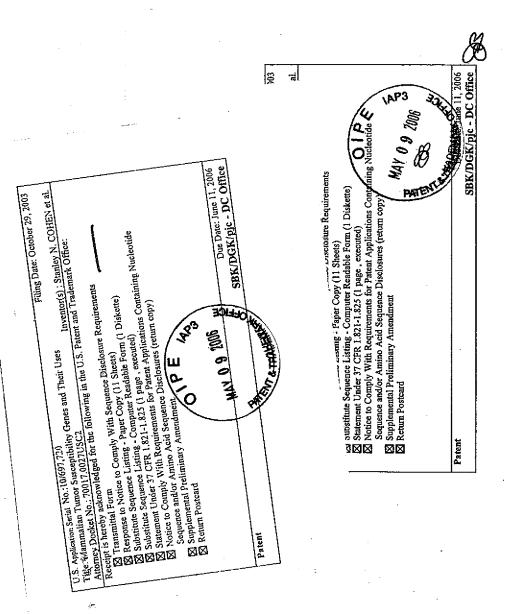
EXHIBIT B



TRANSMITTAL FORM

(to be used on all correspondence after initial filing)

ATTORNEY DOCKET NO. 70017.0027USC2

U.S. APPLICATION SERIAL NO.

CONFIRMATION NO.

10/697,720

3761

FILING DATE

October 29, 2003

INVENTOR(S)

Stanley N. COHEN et al.

EXAMINER

GROUP ART UNIT

not yet assigned

1642

Mammalian Tumor Susceptibility Genes and Their Uses

ADDRESS TO:	Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	SURES					
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Response Substitut Substitut Statemen Notice to Sequenc	ttal Form to to Notice to Comply With Sequence te Sequence Listing - Paper Copy (1 te Sequence Listing - Computer Rea nt Under 37 CFR 1.821-1.825 (1 page) To Comply With Requirements for Page e and/or Amino Acid Sequence Disc ental Preliminary Amendment Postcard	1 Shee dable e, exec itent A	ets) Form (1 Diskette) cuted) Applications Conta	•	eotide		
			•				
this amount and the	Please charge Deposit Account No. 13-2725 in the amount of \$0.00 to cover any required fees. In the event any variance exists between this amount and the Patent Office charges for filing the above-noted documents, including any fees required under 35 CFR 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 13-2725. Further, if these papers are not considered timely filed, then a request is hereby made under 37 CFR 1.136 for the necessary extension of time.						
	CORRESPONI ssociated with Customer Number: 23552	7	OR the corres	pondence addr	ress below.		
Name							
Address	 .			Zip Code			
City	State		<u></u>	Zip Code	····		
	2.44 %	1	REGISTRATION NO.	30 073			
NAME S	teven B. Kelber		REGISTRATION NO.	30,013	1		
SIGNATURE	and Catalux Count	DATE	May 9, 2006	TELEPHONE	202 326-0300		
NAME D	awn Gardner Krosnick		REGISTRATION NO.	44,118			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE TO NOTICE TO COMPLY WITH SEQUENCE DISCLOSURE REQUIREMENTS

ATTORNEY DOCKET NO.
70017.0027USC2
U.S. APPLICATION SERIAL NO.
10/697,720
FILING DATE
October 29, 2003

INVENTOR(S)

Stanley N. COHEN et al.

examiner (if known)
not yet assigned

ART UNIT (If known)
1642

TITLE OF APPLICATION

Mammalian Tumor Susceptibility Genes and Their Uses

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Responsive to the notification dated April 11, 2006, and in accordance with the provisions of 37 C.F.R. 1.821-1.825, Applicants submit herewith a Substitute Sequence Listing (paper copy), a copy of the sequence listing in computer readable form on diskette, and a statement under 37 C.F.R. §1.821 - 1.825.

In view of the foregoing, this application is deemed to be in proper condition for examination on the merits and such favorable action is earnestly solicited.

May 9, 2006

Date

P.O. Box 2903 Minneapolis, Minnesota 55402-0903 Telephone No. (202) 326-0300 Facsimile No. (202) 326-0778 Steven B. Kelber

Registration No. 30,073

Respectfully submitted,

MERCHANT & GOULD, P.C.

Dawn Gardner Krosnick Registration No. 44,118

23552

Patent & Trademark Office

SEQUENCE LISTING

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Ile Pro Val Arg Tyr Arg Gly Asn Ile Tyr Asn Ile Pro Ile Cys Leu 50 55 60

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Glu Leu Glu Leu Ile Gln Ile Met Ile Val Ile Phe Gly Glu Glu 115 120 125

Pro Pro Val Phe Ser Arg Pro Thr Val Ser Ala Ser Tyr Pro Pro Tyr 130 135 140

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Pro Gly Cys Pro Tyr Pro Pro Ala Gly Pro Tyr Pro Ala Thr Thr Ser 180 185 190

Ser Gln Tyr Pro Ser Gln Pro Pro Val Thr Thr Val Gly Pro Ser Arg 195 200 205

Asp Gly Thr Ile Ser Glu Asp Thr Ile Arg Ala Ser Leu Ile Ser Ala 210 215 220

Val Ser Asp Lys Leu Arg Trp Arg Met Lys Glu Glu Met Asp Gly Ala 225 230 235 240

Gln Ala Glu Leu Asn Ala Leu Lys Arg Thr Glu Glu Asp Leu Lys Lys 245 250 255

Gly His Gln Lys Leu Glu Glu Met Val Thr Arg Leu Asp Gln Glu Val 260 265 270

Ala Glu Val Asp Lys Asn Ile Glu Leu Leu Lys Lys Lys Asp Glu Glu 275 280 285

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Ser Arg Glu Leu Met Asn Leu Thr Gly Thr Ile Pro Val Pro Tyr Arg 50 55 60

Gly Asn Thr Tyr Asn Ile Pro Ile Cys Leu Trp Leu Leu Asp Thr Tyr 65 70 75 80

Pro Tyr Asn Pro Pro Ile Cys Phe Val Lys Pro Thr Ser Ser Met Thr 85 90 95

Ile Lys Thr Gly Lys His Val Asp Ala Asn Gly Lys Ile Tyr Leu Pro 100 105 110

Tyr Leu His Glu Trp Lys His Pro Gln Ser Asp Leu Leu Gly Leu Ile

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- Gly Gly Pro Tyr Pro Ala Thr Thr Ser Ser Gln Tyr Pro Ser Gln Pro 195 200 205
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Primer	
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DNA	
Primer	
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-	
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Drimer	
Primer	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 70017.0027USC2 STATEMENT UNDER CONFIRMATION NO. U.S. APPLICATION SERIAL NO. 3761 10/697,720 37 C.F.R. § 1.821-1.825 FILING DATE October 29, 2003 EXAMINER (If known) ART UNIT (If known) INVENTOR(S) 1642 not yet assigned Stanley N. COHEN et al.

Mammalian Tumor Susceptibility Genes and Their Uses

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

TITLE OF APPLICATION

- I, Dawn Gardner Krosnick, declare as follows:
- 1. That, in accordance with 37 C.F.R. § 1.821(f), the contents of the paper copy of the substitute sequence listing submitted herewith is a true copy of the sequence listing recorded in computer readable form which is also submitted herewith; and
- 2. That, in accordance with 37 C.F.R. § 1.821(g), the submission filed herewith does not include new matter.

Respectfully submitted,

Steven B. Kelber

MERCHANT & GOULD, P.C

May 9, 2006

Date

P.O. Box 2903 Minneapolis, Minnesota 55402-0903 Telephone No. (202) 326-0300 Facsimile No. (202) 326-0778

Dawn Gardner Krosnick Registration No. 44,118

Registration No. 30,073

23552

Patent & Trademark Office



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS Dex 1450 Alexandra, Viginia 22313-1450 www.unpto.gov

FIRST NAMED APPLICANT ATTORNEY DOCKET NUMBER FILING OR 371 (c) DATE APPLICATION NUMBER

10/697,720

10/29/2003

Stanley N. Cohen

5398-027-27 CONT

CONFIRMATION NO. 3761 FORMALITIES LETTER

23552 MERCHANT & GOULD PC P.O. BOX 2903 MINNEAPOLIS, MN 55402-0903

Date Mailed: 04/11/2006

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Filing Date Granted

Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

· A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

To Download Patentin Software, visit http://www.uspto.gov/web/patents/software.htm For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199, or 1-800-972-6382 PART 2 - COPY TO BE RETURNED WITH RESPONSE



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Seria	l Number:	10	1(0
1-1 Table 1	• •		1

Source:

Date Processed by STIC:

10/697,720

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER

VERSION 4/2-PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE: SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual cPAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
 U.S. Patent and Trademark Office; 220-20 Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, April 1903, Arlington, VA 22202

Revised 05/17/04



RAW SEQUENCE LISTING PATENT APPLICATION: US/10/697,720 DATE: 07/06/2004

TIME: 11:03:58

Input Set : A:\5398-027-27CONT.ST25.txt Output Set: N:\CRF4\07062004\J697720.raw

3 <110> APPLICANT: Cohen, Stanley N. Li, Limin 6 <120> TITLE OF INVENTION: Mammalian Tumor Susceptibility Genes and Their Uses 8 <130> FILE REFERENCE: 5398-027-27CONT 10 <140> CURRENT APPLICATION NUMBER: US 10/697,720 11 <141> CURRENT FILING DATE: 2003-10-29 13 <150> PRIOR APPLICATION NUMBER: US 09/804,690 14 <151> PRIOR FILING DATE: 2001-03-12 16 <150> PRIOR APPLICATION NUMBER: US 09/146,187 17 <151> PRIOR FILING DATE: 1998-09-01 19 <150> PRIOR APPLICATION NUMBER: US 08/977,818 20 <151> PRIOR FILING DATE: 1997-11-25 22 <150> PRIOR APPLICATION NUMBER: US 08/670,274 23 <151> PRIOR FILING DATE: 1996-06-13 25 <150> PRIOR APPLICATION NUMBER: US 08/585,758 26 <151> PRIOR FILING DATE: 1996-01-16 28 <150> PRIOR APPLICATION NUMBER: US 60/006,856

33 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply Corrected Diskette Needed

ERRORED SEQUENCES

326 <210> SEQ ID NO: 7 327 <211> LENGTH: 39 328 <212> TYPE: (RNA) 329 <213> ORGANISM: Artificial Sequence 331 <220> FEATURE: 332 <223> OTHER INFORMATION: primer 334 <400> SEQUENCE: 7 B--> 335 caucaucauc augagyggc @atgagyac Cydiffccag 337 <210> SEQ ID NO: 8 338 <211> LENGTH: 39 339 <212> TYPE: (RNA) 340 <213> ORGANISM: Artificial Sequence 342 <220> FEATURE: 343 <223 > OTHER INFORMATION: primer 345 <400> SEQUENCE: 8 B--> 346 cuacuacuac uacacdetti gagcaageic agcougget

29 <151> PRIOR FILING DATE: 1995-11-16 31 <160> NUMBER OF SEQ ID NOS: 20

SAMEERROR

"are allowed in a RNA sequence.

39

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/697,720

DATE: 07/06/2004

TIME: 11:03:59

Input Set : A:\5398-027-27CONT.ST25.txt Output Set: N:\CRF4\07062004\J697720.raw

L:43 M:281 W: Numeric Fields not Ordered. <221> Sort in ascending order!

L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1

L:335 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:10
L:346 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:9

L:479 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

L:483 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20

L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL PRELIMINARY AMENDMENT

70017.0027USC2
U.S. APPLICATION SERIAL NO. 10/697,720 3761

FILING DATE

October 29, 2003

INVENTOR(S

Stanley N. COHEN et al.

not yet assigned

GROUP ART UNIT

1642

TITLE OF APPLICATION

Mammalian Tumor Susceptibility Genes and Their Uses

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Supplementing the Preliminary Amendment filed October 29, 2003, and the Response to Notice to Comply and Preliminary Amendment filed on June 29, 2004, and prior to examination on the merits, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

A current listing of the Claims begins on page 3 of this paper.

Remarks begin on page 4 of this paper.

Application Serial No.: 10/697,720

Amendments to the Specification:

After page 46, between the specification and claims, please insert the paper copy of the Substitute Sequence Listing filed herewith, replacing the Sequence Listing previously submitted on June 29, 2004.

Application Serial No.: 10/697,720

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

- 1 23. (Canceled)
- 24. (Previously Presented) A substantially purified polypeptide comprising the full length human TSG101 protein encoded by a 1494 bp cloned human cDNA insert (SEQ ID NO:3).
- 25. (Previously Presented) The purified polypeptide of claim 24, wherein said 1494 bp cloned human cDNA insert (SEQ ID NO:3) is deposited as ATCC Accession No. PTA-5265 in cloning vector pAMP1.
- 26. (Previously Presented) A substantially purified polypeptide comprising the human TSG101 protein as described by the amino acid sequence of GenBank Accession No. U82130.
- 27. (Previously Presented) A substantially purified polypeptide comprising the amino acid sequence of SEQ ID NO:4.
- 28. (Previously Presented) A composition comprising a substantially purified polypeptide of any one of claims 24-27 in conjunction with a suitable pharmaceutical carrier.

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REMARKS

Claims 24-28 are currently pending in this application.

The specification has been amended by adding the Substitute Sequence Listing filed herewith which replaces the Substitute Sequence Listing filed June 29, 2004 containing errored sequences.

No new matter has been added.

CONCLUSION

Applicants respectfully submit that the present application is in condition for examination on the merits. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,

MERCHANT & GOULD P.C.

May 9, 2006

Date

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